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IN THE CLAIMS:

Please cancel claims 34, 48-51, 57, 58, 62, and 64-66 without prejudice or disclaimer; amend claims 31, 33, 35-37, 39, 47, 52, 53, 61, 63, and 68 as indicated below; and add claims 69-78 as follows:

1-30. (Cancelled)

31. (Currently amended) Apparatus for transferring data from a network to a mobile device comprising:

a transmitter arrangement having differing narrow and wide bandwidths for transmitting data from the network to the mobile device;

the transmitter arrangement being arranged for notifying the mobile device of data awaiting transfer thereto from the network via the first, lower bandwidth; [[and]]

the transmitter arrangement being arranged for transferring the data to the mobile device via the wide bandwidth; and

a scheduling arrangement for scheduling transfer of the data from the network to the mobile device and for causing transfer of the data to the mobile device via the second link based on the schedule.

32. (Cancelled)

33. (Currently amended) A method of data transfer by using first and second communication links of differing bandwidths

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between a network and a mobile device, the first link having a narrower bandwidth than the second link, the method comprising:

notifying the mobile device of data awaiting transfer thereto from the network by transmitting a first signal from the network to the device via the first link; [[and]]

then transferring the data from the network to the mobile device by transmitting a second signal from the network to the device via the second link; and

scheduling the transfer of the data from the network to the mobile device, the transfer of the data to the mobile device via the second link being based on the schedule.

34. (Cancelled)

35. (Currently amended) The method of claim [[34]] 33 wherein the scheduling is executed in response to a user input at the mobile device.

36. (Currently amended) The method of claim [[34]] 33 wherein the scheduling is executed by software on the mobile device.

37. (Currently amended) The method of claim [[34]] 33 wherein the scheduling is executed by software present on a base station of the network, and further including transmitting data corresponding to the scheduling to the mobile device via the first link.

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38. (Previously presented) The method according to claim 33 wherein the first link includes a public land mobile network.

39. (Currently amended) The method according to claim 33 wherein the second link includes a ~~wide band short range~~ wireless network having a wide band and short range compared to the bandwidth and range of the first link.

40. (Previously presented) The method according to claim 33 wherein the second link is an unlicensed portion of the electromagnetic spectrum.

41. (Previously presented) The method according to claim 40 wherein the first link is in a licensed portion of the electromagnetic spectrum.

42. (Previously presented) The method according to claim 33 wherein the first link is in a licensed portion of the electromagnetic spectrum.

43. (Previously presented) The method according to claim 33 further including only temporarily forming at least one of the first and second links.

44. (Previously presented) The method according to claim 33 further including transferring data to the mobile device from a second network via another wide bandwidth link after the mobile

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device has been notified via a narrow bandwidth link that it is to receive data from the second network.

45. (Previously presented) The method according to claim 33 further including the steps of:

transferring a decryption key from the network to the mobile device via the first link; and

then transferring the data in encrypted form, based on the key, from the network to the mobile device via the second communication link.

46. (Previously presented) The method according to claim 33 further including the step of determining the location of at least one of the mobile device and a base station of the second communication link by using GPS.

47. (Currently amended) The method according to claim [[34]] 33 wherein the scheduling is in accordance with scheduling criteria.

48. (Cancelled)

49. (Cancelled)

50. (Cancelled)

51. (Cancelled)

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52. (Currently amended) A method of data transfer by using first and second communication links of differing bandwidths between a network and a mobile device, the first link having a narrower bandwidth than the second link, the method comprising:

entering data into the mobile device;

notifying the network of data awaiting transfer ~~thereto~~ to the network from the mobile device by transmitting a first signal from the device to the network via the first link; and

then transferring the data from the mobile device to the network by transmitting a second signal from the device to the network via the second link.

53. (Currently amended) A data transfer system comprising:

a network, a mobile device, a first transmitter and a second transmitter, the network being adapted to contain data, the mobile device being adapted to receive signals from both the first and second transmitters, the first transmitter being adapted to transmit a first narrow bandwidth long-range signal to the mobile device via a first narrow bandwidth [[link]] long-range channel, the first signal indicating data on the network are available to be transferred to the mobile device, the second transmitter being adapted to transmit to the mobile device via a second wide bandwidth [[link]] short-range channel, a second wide bandwidth short-range signal including the data, the mobile device and the first transmitter being arranged for selectively causing the first transmitter to transmit the data via the first

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channel and enabling the mobile device to selectively receive the data via the first and second channels.

54. (Previously presented) A system according to claim 53, wherein the first transmitter is arranged to operate at a frequency within the range selected from group (i) about 900 MHz to about 1900 MHz; (ii) about the 2 GHz band.

55. (Previously presented) A system according to claim 53, wherein the second transmitter is arranged to operate at a frequency within the range of the order of 1 GHz to the order of a few tens of GHz.

56. (Previously presented) A system according to claim 53, wherein the second transmitter includes a wireless LAN base station.

57. (Cancelled)

58. (Cancelled)

59. (Previously presented) A system according to claim 53, wherein a plurality of the second transmitters are located at geographically different places.

60. (Previously presented) A system according to claim 53, wherein the mobile device includes a GPS transceiver associated with it.

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61. (Currently amended) A system according to claim 53, wherein the second transmitter ~~has a GPS transceiver associated with it~~ is arranged to transmit the position thereof via the second channel.

62. (Cancelled)

63. (Currently amended) A method of transferring data between a mobile device arrangement and a network arrangement via first and second communications links between the device arrangement and network arrangement, the first and second links respectively having narrow and wide bandwidths, the method comprising:

sending a first narrow bandwidth signal from a first of the arrangements to the second of the arrangements via the first link, the first signal indicating that the first arrangement is ready to transmit data to the second arrangement, then sending a second wide bandwidth signal from the first arrangement to the second arrangement via the second link, the second signal including the data; and

scheduling the sending of the data from the first arrangement to the second arrangement and transferring the data from the first arrangement to the second arrangement based on the schedule.

64. (Cancelled)

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65. (Cancelled)

66. (Cancelled)

67. (Previously presented) A converter device for use with a mobile telecommunications device and being adapted for use with a network, the converter device having an interface adapted to interface with (a) said mobile telecommunications device and (b) a wide bandwidth communication link such that the converter device is capable of causing the mobile telecommunications device to perform the method of claim 33.

68. (Currently amended) A converter device for use with a network device and being adapted for use with a mobile telecommunications device, the converter device having an interface adapted to interface with (a) said network device and (b) a wide bandwidth communication link such that the converter device is capable of causing the network device to perform the method of claim ~~[[48]]~~ 77.

69. (New) The method according to claim 39 wherein the first link includes a public land mobile network.

70. (New) The system of claim 53, wherein the system includes a plurality of second transmitters at different locations, and the mobile device is arranged to provide a user thereof with an indication of at least one of the locations.



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71. (New) The system of claim 70, wherein the indication is of the closest location for enabling the mobile device to receive the data via the second channel associated with the second transmitter at the closest location.

72. (New) The system of claim 70, wherein the message indicates the location of at least one second transmitter.

73. (New) A method of data transfer between a mobile device and a communications network via a first narrow bandwidth long-range channel, the network including plural second wideband width short-range channels at different locations, the method comprising:

transferring a message to the device from the network via the first channel, the message indicating that data is desired to be transferred to the device;

selectively transmitting the data via the first channel;  
and

selectively receiving the data at the mobile device via the first and second channels.

74. (New) The method of claim 73, further including providing a user of the mobile device with an indication of at least one of the different locations, and performing the selective data-receiving step based on the indication of the at least one location.

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75. (New) The method of claim 74, wherein the data is selectively received via the second channel in response to an indicated location being close enough to the mobile device such that the data can be transmitted to the mobile device via the second channel associated with the close-enough channel.

76. (New) The method of claim 74, wherein the data is selectively received via the first channel in response to all indicated locations being far enough from the mobile device such that the data cannot be transmitted to the mobile device via any of the second channels.

77. (New) A method of data transfer between a mobile device and a communications network via a first narrow bandwidth long-range channel, the network including plural second wideband width short-range channels at different locations, the method comprising:

transferring a message to the device from the network via the first channel, the message indicating that data is desired to be transferred to the device;

providing a user of the mobile device with an indication of at least one of the different locations;

causing the mobile device to be close enough to one of the provided locations to enable the mobile device to receive a message via the second channel associated with the location; and

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transferring data to the device from the network via the channel associated with the location.

78. (New) The method of claim 77, wherein the network comprises a wireless network with wireless communication via the first channel to the mobile device, the wireless communication providing the mobile device with the indication of the location of the close-enough location.